Remington

DU PONT

BOLT ACTION RIFLES

22 CALIBER

Chambered for

SHORT • LONG • LONG RIFLE

INCLUDES MODEL 580 SMOOTH BORE (SB) SINGLE SHOT
MODEL 581 LEFT HAND ACTION - CLIP MAGAZINE

SINGLE SHOT

CLIP MAGAZINE

TUBE MAGAZINE

MODELS

580

581

582

INSTRUCTION FOLDER and PARTS PRICE LIST

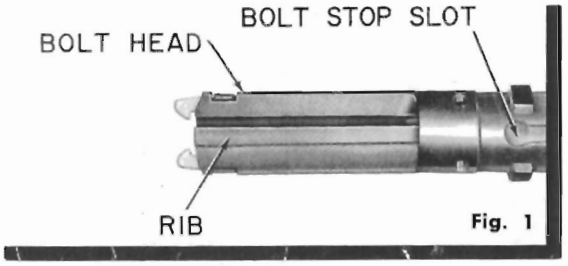


Fig. 1

This folder includes instructions and parts lists for Models 580, 581, and 582. Also included are Models 580 Smooth Bore (SB) and 581 Left Hand. An extremely strong artillery type locking system is featured and a full length Monte Carlo stock is offered as a standard item. These rifles are shipped from factory with bolt taken down.

TO PUT BOLT IN RIFLE — Align bolt stop slot on bolt body (Fig. 1) with rib on bottom (flat) of bolt head. Rotate and hold safety (Fig. 3) completely forward. With firing pin on top of bolt head (in 12 o'clock position) insert and push bolt forward into receiver. When locking lugs on bolt are no longer visible, safety may be released.

TO COCK BOLT — Bolt must be cocked to put into rifle. Should bolt become uncocked, cocking piece (Fig. 2) will snap forward into cocking cam in rear of bolt. Slide cocking piece rearward (it is recommended that vise jaws or other suitable clamping be used) and rotate bolt plug clockwise or lift bolt handle until cocking piece will snap into detent on rear edge of bolt.

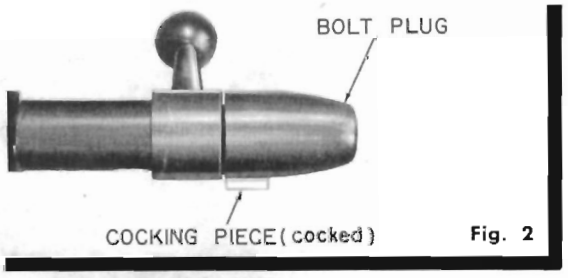


Fig. 2

SAFETY — (Fig. 3) Rotate safety to rear stop position marked "S" on receiver. Trigger cannot now be pulled to fire rifle.

TO FIRE AND EJECT — Caution: Before firing be sure barrel is clean — free of heavy oil, grease or any obstruction. Be sure rifle is pointed where you want to shoot. Rotate safety to forward stop position marked "F" on receiver. Trigger can then be pulled and rifle fired. To eject fired case, lift bolt handle and pull bolt fully rearward.

TO SINGLE LOAD—If your rifle is the Model 580 (single shot), place cartridge centrally upon loading platform. Slide bolt forward to chamber cartridge. Lower bolt handle. Rifle is now cocked and loaded ready for firing. The Model 581 (clip fed) and Model 582 (tubular fed) can both be single loaded by merely placing cartridge directly into chamber and closing bolt.

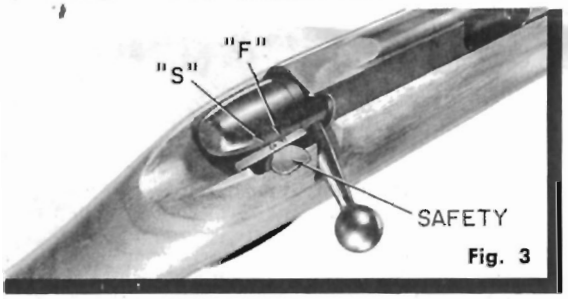


Fig. 3

TO LOAD MAGAZINE — The Model 581 clip magazine may be removed by pushing rearward on magazine latch (Fig. 4) and pulling clip from bottom of rifle. Load cartridges into magazine. When fully loaded, magazine will hold five (5) cartridges. To reassemble magazine into rifle, fit channel opening on back of magazine over end of magazine guide. Push magazine upward until locked into place by magazine latch. **To load the Model 582** tubular magazine, unlock by turning knurled plug at front end of tube. Pull tube forward from magazine until loading port is open. Load cartridges into port, bullet end forward. Magazine is loaded to capacity when bullet end of last cartridge shows in port. Close tube over cartridges, rotating until plug can be again locked to magazine. If magazine is loaded beyond capacity, plug will not lock into magazine.

TO UNLOAD MAGAZINE — The **Model 581** clip magazine may be easily unloaded after being removed from rifle. Carefully slide cartridges forward and out of magazine. The **Model 582** tubular magazine is unloaded very simply. Unlock and pull tube from magazine. Tilt muzzle downward to allow live cartridges to slide from magazine.

Caution: After replacing and locking tube into empty magazine, open and close action repeatedly to remove any cartridges remaining in action or chamber. End of orange colored magazine follower **can be seen** from open action position when action is empty.

TO UNLOAD CHAMBER — Raise bolt handle, open action and remove cartridge from barrel.

TO REMOVE BOLT — Lift bolt handle and pull bolt rearward to bolt stop. Rotate and hold safety completely forward and withdraw bolt from rifle.

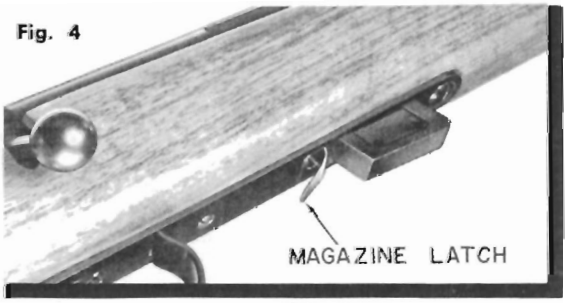


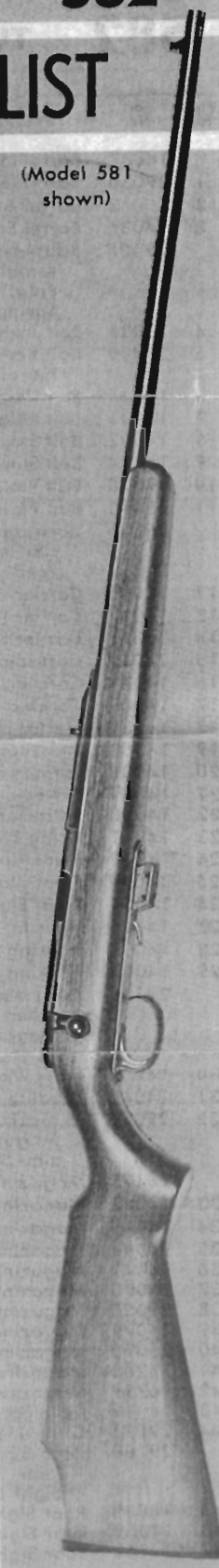
Fig. 4

BARREL CLEANING AND CARE—Remove bolt. Wipe bore with 22 caliber cleaning patch. It is important that bore be cleaned from breech to muzzle to prevent shooting residue in barrel from falling into action. Use **lightly oiled** cloth patch after cleaning. Wire brush, if necessary, with powder solvent.

ACTION CLEANING AND CARE — Should it be necessary to clean action, the stock should be removed. Unscrew takedown screw. Remove stock. Wash action with petroleum solvent, such as kerosene. Wipe clean and re-oil lightly. **Cocking cam surfaces on bolt should be kept lubricated.**

When shooting in freezing weather, remove excess oil and use dry graphite as lubricant.

(Model 581 shown)



REMINGTON ARMS COMPANY, INC.
Ilion, New York, U.S.A.

MODELS
580 & 580SB SINGLE SHOT
581 & 581 LEFT HAND CLIP MAGAZINE
582 TUBULAR MAGAZINE

22 CALIBER
BOLT ACTION RIFLE

When ordering parts — Model No., Part No. and Part Name must be given.

View No.	Part No.	NAME OF PART	List Price
	14037	Barrel (580-581)	$ 7.50
1	29030	Barrel (582)	7.50
2	2	Barrel Assembly Pin	.25
3	14036	Barrel Bracket (582)	.90
	29105	Bolt Assembly Complete (includes Bolt Body Assembly, Bolt Head, Bolt Assembly Pin, Bolt Plug, Extractor, L.H., Extractor, R.H., Extractor Spring, Firing Pin, Striker Assembly)	11.50
4	18382	Bolt Assembly Pin	.25
5	29000	Bolt Body Assembly (includes Bolt Body and Bolt Handle)	7.50
6	14004	Bolt Head	2.10
7	14005	Bolt Plug	.80
8	14002	Bolt Stop	.35
9	14024	Bolt Stop Spring	.25
10	17578	Butt Plate	.40
11	25410	Butt Plate Screw	.25
	29005	Cartridge Feed Insert Assembly (582) (includes Carrier, Carrier Pin, Carrier Spring, Cartridge Feed Inset)	2.10
12	14016	Carrier (582)	.35
13	14017	Carrier Pin (582)	.25
14	14018	Carrier Spring (582)	.50
15	14019	Cartridge Feed Insert (582)	1.50
16	14020	Cartridge Feed Insert Pin (582)	.25
17	14007	Cocking Piece	.50
18	14039	Ejector (580)	.35
19	14052	Elevation Screw	.25
20	14008	Extractor, L.H.	.35
21	14009	Extractor, R.H.	.35
22	14010	Extractor Spring	.25
23	14011	Firing Pin	.60
24	14069	Floor Plate (580-582)	.50
25	14099	Floor Plate Screw (580-582)	.25
26	14001	Front Sight	.35
27	14026	Housing (See Trigger Housing Sub Assembly)	
28	14031	Housing Pin	.25
29	14027	Housing Lock Screw	.25
	29115	Inner Magazine Tube Assembly (582) (includes Inner Magazine Tube, Magazine Follower, Magazine Pin, Magazine Plug, Magazine Spring)	1.50
30	14267	Inner Magazine Tube (582)	.60
31	14040	Loading Platform (580)	.25
32	29075	Magazine Assembly (581) (includes Magazine, Magazine Follower, Magazine Shoe, Magazine Side, Magazine Spring)	2.40
	14495	Magazine Shoe	.35
33	14022	Magazine Follower (582)	.35
34	14047	Magazine Guide (581)	.90
35	14048	Magazine Latch (581)	.50
36	14049	Magazine Latch Screw (581)	.25
37	25090	Magazine Pin (582)	.25
38	29050	Magazine Plate (581)	.60
39	14099	Magazine Plate Screw (581)	.25
40	25095	Magazine Plug (582)	.40
41	14268	Magazine Spring (582)	.35
42	16739	Magazine Ring (582)	.60
43	14013	Main Spring	.25
44	29095	Outer Magazine Tube (582)	.90
	29100	Rear Sight Assembly (includes Elevation Screw, Rear Sight Base, Rear Sight Eyepiece, Rear Sight Leaf)	1.20
45	14038	Rear Sight Base	.50
46	14059	Rear Sight Eyepiece	.90
47	14051	Rear Sight Leaf	.35
48	14034	Rear Sight Screw	$ .25
	29125	Receiver Assembly (580) (includes Receiver and Trigger Housing Stud)	10.50
	29126	Receiver Assembly (581)	10.50
49	29127	Receiver Assembly (582)	10.50
50	14028	Safety	.80
51	14015	Safety Pivot Pin	.25
52	14044	Safety Pivot Pin Retaining Washer	.25
53	14032	Safety Plunger	.25
54	14029	Safety Plunger Spring	.25
55	14254	Safety Retaining Screw	.25
56	14030	Sear (See Trigger Housing Sub Assembly)	
57	14031	Sear Pin	.25
	29055	Stock Assembly (580) (includes Butt Plate, Butt Plate Screw (2), Floor Plate, Floor Plate Screw, Stock, Takedown Screw, Takedown Screw Escutcheon, Trigger Guard, Trigger Guard Screw)	16.50
	29056	Stock Assembly (581)	16.50
58	29057	Stock Assembly (582)	16.50
59	29110	Striker Assembly (includes Cocking Piece, Main Spring, Striker, Striker Cross Pin, Striker Washer)	1.20
60	14014	Striker	.50
61	14565	Striker Cross Pin	.25
62	14012	Striker Washer	.25
63	14072	Takedown Screw (580)	.25
64	14071	Takedown Screw (581)	.35
65	14043	Takedown Screw (582)	.25
66	14058	Takedown Screw Escutcheon (580)	.35
67	14265	Takedown Screw Escutcheon (582)	.35
68	14033	Trigger (See Trigger Housing Sub Assembly)	
69	14248	Trigger Guard	.80
70	14042	Trigger Guard Screw	.25
	29015	Trigger Housing Assembly (includes Trigger Housing Sub Assembly, Bolt Stop, Bolt Stop Spring, Housing Pin, Housing Screw, Safety, Safety Pivot Pin, Safety Pivot Pin Retaining Washer, Safety Plunger, Safety Plunger Spring, Safety Retaining Screw, Trigger Spring)	3.75
	29010	Trigger Housing Sub Assembly (includes Housing, Sear, Sear Pin, Trigger, Trigger Pin)	2.40
57	14031	Trigger Pin	.25
71	14045	Trigger Spring	.25

MODEL 581 LEFT HAND

NOTE: See Right Hand Action for parts not listed

29160	Bolt Assembly, Complete	
30700	Bolt Body Assembly	
14065	Bolt Plug	
30655	Receiver	
29176	Stock Assembly	

MODEL 580 SMOOTH BORE

14475	Barrel (SB)	7.50
14486	Front Sight Assembly (SB)	Price on Application
14395	Rear Sight Base (SB)	
14396	Rear Sight Base Cover (SB)	
14485	Rear Sight Base Locator (SB)	
14397	Rear Sight Base Screw (SB)	

ACCESSORIES

25571	Sling Strap Assembly and Mountings, Complete (580 and 581)	5.40
29090	Sling Strap Assembly and Mountings, Complete (582)	5.40

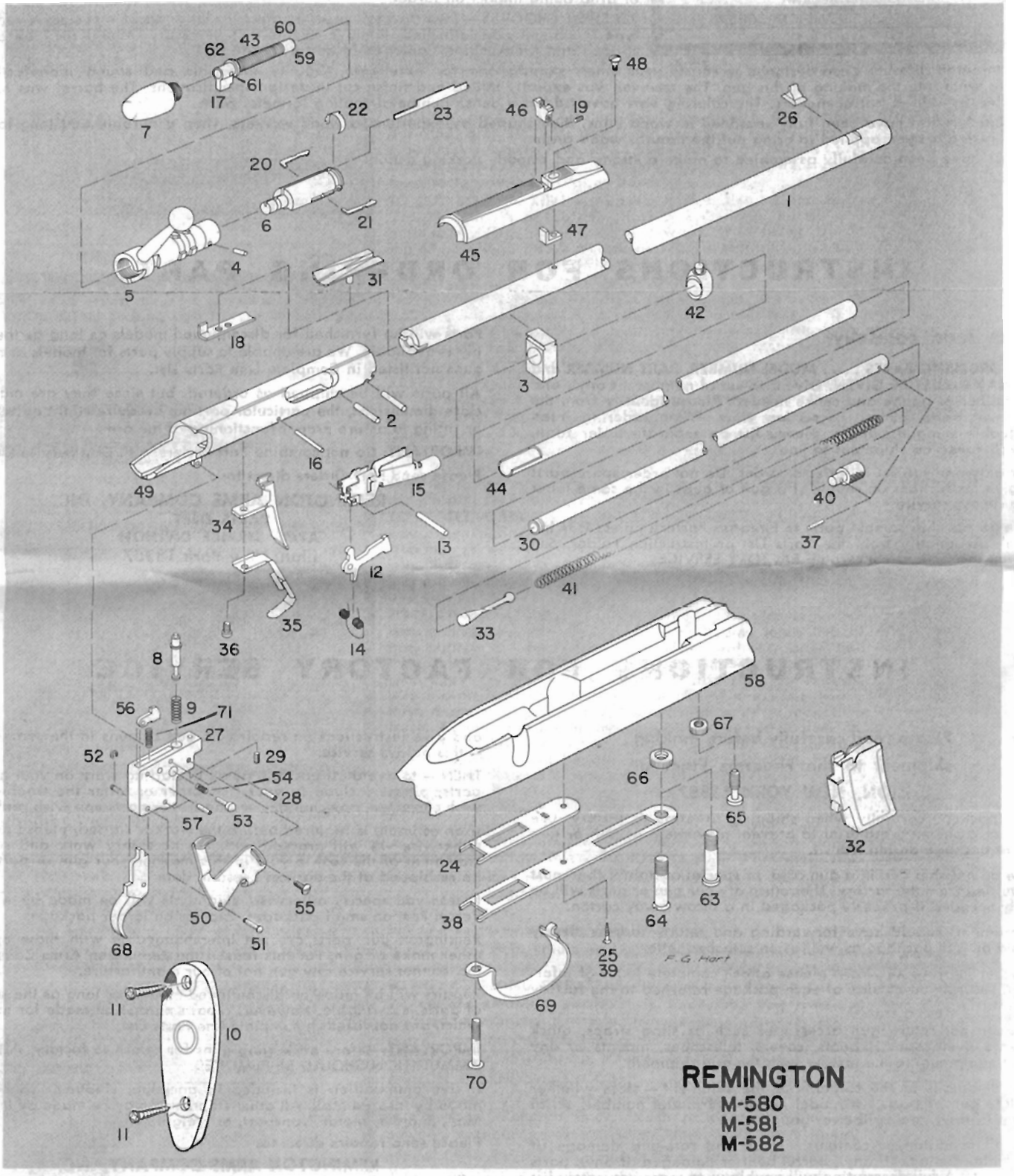
SECTIONAL VIEW

Remington

BOLT ACTION RIFLES

MODELS
580
581
582

REPLACEMENT PARTS: Parts may be identified from the Sectional View.

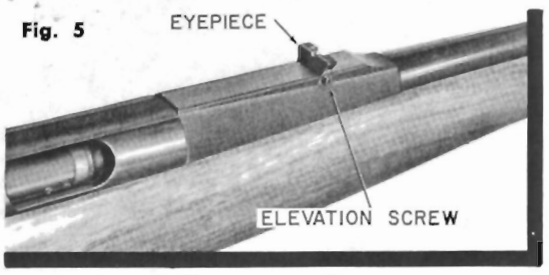


Send all guns for factory service and inquiries on service and parts to
REMINGTON ARMS COMPANY, INC.
Arms Service Division
Ilion, New York 13357

All other inquiries are to be addressed to
REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut 06602

HANDLING AND EXPOSURE CARE — Handling leaves invisible "prints" of moisture that can cause rust to metal parts. Wipe receiver and barrel with oiled cloth after handling. Abrupt changes in temperature cause condensation and moisture; therefore special care to interior metal parts is needed to prevent rusting.

Fig. 5



SIGHT ADJUSTMENT — Sights are carefully adjusted at factory. However, re-alignment may be required for individual shooters.

WINDAGE — The dovetail front sight may be moved right or left in sight slot. Use a plastic hammer and support barrel firmly to avoid damage. Move front sight to right to move target impact to left. Move sight to left to move target impact to right.

ELEVATION — Turn elevation screw (Fig. 5) to loosen rear sight eyepiece (Fig. 5) on sight leaf. Raise or lower eyepiece and tighten in desired position. Raise eyepiece for longer range or to raise bullet impact on target. Lowering eyepiece will shorten range or drop bullet impact on target.

RECEIVER GROOVES — Two dovetail grooves are cut along top of receiver. A receiver type mount may be attached. Remove eyepiece if necessary. Mount may be easily slipped into grooves and tightened in desired position.

This Remington rifle has been designed to satisfy your fullest expectations for excellence. Quality materials and sound manufacturing practices went into the making of this gun. The receiver was expertly milled and finish cut to design specifications. The barrel was forged and rifled by skilled barrel makers. The coloring vats have added a dense gunmetal coating to metal parts.

Stock and forearm have been fully seasoned in wood kilns, then shaped by experienced wood workers. Then a durable and long lasting wood finish has been applied to bring out the natural wood grain.

All parts have been carefully assembled to make a strong and smooth working action.

INSTRUCTIONS FOR ORDERING PARTS

(Please read carefully)

WHEN ORDERING PARTS . . . . MODEL NUMBER, PART NUMBER and PART NAME MUST BE GIVEN. Give also serial number (if any), and state caliber or gauge and choke needed. Please identify from the component parts, picture or section view. When ordering interchangeable shotgun barrels, please list on separate order form. This will speed up shipment to you.

Cover only one subject in letter or order. Do not order spare parts and give instructions on repair of a gun or guns in the same letter — **this delays service.**

Please **do not ship sample parts** to Firearms Factory unless it is impossible to identify from the Parts List or Instruction Folder. See shipping instructions concerning FACTORY SERVICE.

Parts will be furnished for discontinued models as long as the supply is available. We are unable to supply parts for models or repair guns not listed in Complete Line Parts List.

All parts will be shipped as ordered, but since they are made to close dimensions, the particular part may require slight adjustment or fitting to assure proper functioning of the arm.

IMPORTANT: Do not combine Part Orders with Gun Service Orders.

Please send Part Orders direct to:

REMINGTON ARMS COMPANY, INC.
PARTS DEPT.
ARMS SERVICE DIVISION
Ilion, New York 13357

INSTRUCTIONS FOR FACTORY SERVICE

Please read carefully before making shipment to the Firearms Plant at ILION, NEW YORK 13357

Please package carefully when shipping firearms to factory. Use plenty of cushioning material to prevent movement of gun or gun parts in package during transit.

Please do not ship gun in a gun case, or special container that must be returned from the factory. The return of your gun or parts will be greatly speeded if properly packaged in a throw-away carton.

All shipments should have forwarding and return address clearly marked on gun package as well as on attached letter.

To further improve service — please attach complete letter of information securely on outside of each package returned to the factory for repairs.

Please do not return gun accessories such as sling straps, quick release swivels, special boots, covers, telescopes, mounts or any special equipment to the factory with the gun shipment.

Give full details of the contents of the shipment — state whether complete gun or part. List model name and model number, serial number (if any), and caliber or gauge.

Give full condition of contents — stock and fore-end damage (if any), metal damage (if any), barrel bent or damaged (if any), parts missing, etc. A full description will enable us to more accurately list the needed repairs.

Cover only **one subject** in letter or order. **Do not order spare parts** and give instructions on repair of a gun or guns in the same letter — **this delays service.**

THEN — to avoid all possible delay in starting work on your gun or parts, please include in your first order or letter the trouble you wish corrected, any changes you desire, or parts you wish replaced.

If an estimate is required before the work is started, please advise. Otherwise we will proceed with the necessary work and send a statement of the cost to you. In this manner your gun or parts can be reshipped at the earliest possible date.

Unless you specify otherwise, shipments will be made by way of Parcel Post on small packages, Express on larger packages.

Remington gun parts are not interchangeable with those of any other make of gun. For this reason the Remington Arms Company, Inc. cannot service any gun not of our manufacture.

Repairs will be made on discontinued models as long as the supply of parts is available. However, **repairs cannot be made** for models which are **not listed** in complete line Parts List.

IMPORTANT: Before packaging guns for return to factory, ALL LIVE AMMUNITION SHOULD BE REMOVED.

If live ammunition is included in package, shipment cannot be made by Insured Mail. All other shipments may be made by Insured Mail, Express, Motor Transport, or Freight.

Please send repairs direct to:

REMINGTON ARMS COMPANY, INC.
ARMS SERVICE DIVISION
Ilion, New York 13357

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Form 5559 Rev. 1168